

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
Subject: [13626] 3 MAR ARS SPRINT
Message-ID: <331C05CF.3976@wt.net>

I filed Sprint results via the ARS web page automated entry, but here's the scoop for public record (almost ashamed to post):

=====

My ears hurt.....weird 40M QSB - 1 minute nothing, next 10 stations making dx pile-type noises. I apologize if I stepped on any toes...I moved when I heard 'em come back up.....

Only 4 Q's and 1-band/40 meters. But the good news is that the #&#@\$% 7AH heavy battery is history - got me a new super-stealth 2 AH job to cut some weight. Bad news is I used my sub-notebook cpu as a keyer; great practice for field day, but the box weighs 3.5 pounds:

Emtech NW40 = 1.3
Whiterook key=0.1
Battery =2.3
Notebook CPU =3.5

TOTAL: 7.2 Lbs
 4.0 Q's AA7QU-az /K10J-tx /W3TU-pa /NQ7K-az

SCORE: 0.55 Qs/Lb

BTW, the subnotebook is a very small, but ancient, Gateway 80286/V30 that eats AA batteries which is nice for field use/fybo/etc. - I can always add batteries - can't always find an outlet to recharge.....

Good clean fun, and thanks to ARS for hosting event.

--

WA8GHZ /5 / "Frequently found QRP Mobile in my 5,000 pound
Jack /Houston / counterpoise built in 1979 by The Cadillac
Motor
ARS#208 / Company....."

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [13628] 38 Special and O-scope
Message-ID: <8D344B9.0004001143.uuout@cheaha.com>

-> I'm back, I have my 38 Special built - no smoke test done yet I want
-> to retrace every step first. I do have a question. I have an old
-> (about 1946) Du Mont type 274 Oscillograph - which many of you have

-> helped me play with and under stand some of how it works - Where on
-> the 38S would I hood up the probes and what kinds of tests can I run?
-> I picked up a probe with a X1 and X10 setting to use with it.

I'm with Brad on this one....I'm a newbie with a new/old scope with
little knowledge of what I'm doing with it. :(But I can learn with
some help! :) So's how abt a short post on actually *hooking* the boat
anchor up to our big guns? TNX!

72/73

Ed Welch KF4KRV

NorCal Member

1st Grand Poobah ScQRPion of Alabama

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: "Steve Hurst" <shurst@magiclink.com>

Subject: [13638] 38s xtal

Message-ID: <199703040709.CAA55435@nss2.CC.Lehigh.EDU>

Gang,

Rx'ed my new xtal for the 38er, rig seems to work FB now !! :-)

Tuning range on mine is now, 10.090 to 10.119 approx. Any ideas on how

to bring her up to 10.100 ?? BTW, first station I HEARD was a ZL at
approx.

06:00 UTC ! Thought the band was dead, then heard him calling CQ, wish I

could say that I worked him , but I didn't. Also , what is the mod to
bring the

rx audio up ? I am getting two peaks on TC-1, will have to wait til the
band

opens up to check it out and see how it rx'es under good band condx.

Thanks to the NorCAL group for getting these xtals out , NICE JOB !!!!!

Happy hunting, good nite/morning all !!!!

73,
Steve Hurst
KA7NOC
<http://www.magiclink.com/web/shurst>
dit dit

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: John Mckee <JMckee@RFMD.COM>
Subject: [13645] another key survey
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-970304131616Z-7635@pachacutec.rfmd.com>

Hello gang,

Does anyone out there use and have an opinion about
the Bencher straight key? How does it compare to
others you might have used?

Tnx es 73

John WB40FT
jmckee@rfmd.com

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: jim hale <kj5tf@mctc.com>
Subject: [13682] ARRL SSB & CW DX contest QSL routes
Message-ID: <331C8B72.934@mctc.com>

I only need one more DXCC QSL card for my QRP DXCC so I managed to spend
afew hours on 15 & 20M last weekend in spite of the storms in Arkansas.
When there was no lightning I did my best with my QRP+ SSB first on my
15M quad @ 60', then the 20M half square @ 30'. I managed to get three
new DXCC's. On sunday, feeling bold I got in my pickup and snaged WP2Z,
4B1AC (Mexico), XE2DV, & XE2EBE with my 20M Hamstick & QRP+ mobile!

I lookedup some of my QSL routes today from 425DX News, and heres what I
found. CP8XA via DG9NB , VP2V/K1DW via K1CPJ , 8P9JA via K4MA ,
VP2V/KK9A via WD9DZV , PJ9JT via W1AX , V26B via WT3Q , FG5FC via F6DZU

FS5PL via K9PG , HC10T via KG8CY , NH7A via N2AU .
While looking I found one I needed from the CW test awhile back. V51Z is
via ZS6EZ

Thanks to those who have helped me find QSL info in the past! Hope some
will find the above helpfull. 72/3'z de Jim ARQRP #2

ps - My next goal is to finish my QRP WAS, and maybe mobile QRP WAS/DXCC
and home brew QRP WAS/DXCC in the future, with afew sunspots.

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [13665] Automated Contest Reporting--The Best Thing Since Roller Skates
Message-ID: <199703041704.MAA100127@nss2.CC.Lehigh.EDU>

Adventure Radio Society is pleased to report that the automated contest
reporting we installed several months ago is working great. Our thanks to
all the Spartan Sprinters who are using it--the system simplifies life
for you and us.

If you like to take a look at the report form, this URL will get you
directly to the report page:
http://www.natworld.com/ars/events/spartan/submit_spartan.html. While
your're there, you're invited to take a stroll through the ARS web site.
Very interesting stuff.

Russ Carpenter, AA7QU
ARS Contest Manager

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: Dave.Ackrill@westwood45.powergen.co.uk
Subject: [13642] Band Plans and Morse Code Tests
Message-ID: <970304094016Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB@MHS>

I usually avoid copying chunks of previous messages, but I make an
exception this time. Yesterday there was a message which contained
the following:-

"While it's true that the FCC won't ban CW, the potential problem is
when all licenses are code free there MAY also be no sub-bands set
aside for CW. SSB will be allowed on any frequency including those now

CW only. It will make operating (CW) a lot harder. 72 Jim K4CGY qrp-1 #72"

Why doesn't this argument apply to all the other modes like RTTY, Packet, ATV and FM? They all seem to have their specified areas. In fact you could argue that a CW enthusiast can operate anywhere in most bands (in the UK bandplans there are "CW and SSB" and "All Modes" sections plus areas for FM etc), but has an exclusive section which is usually at the bottom of the band. The only mode that enjoys this privilege.

In my opinion the argument that CW will be "squeezed out" when the Morse Code Test is removed is designed to engender a purely emotive reaction to the no-code argument. It also ignores the view that CW enthusiasts, like those interested in every other mode, will soon have to encourage new enthusiasts to the mode rather than rely on a compulsory test. It will be the success and ability to do this recruiting which will ensure the continuation of the "CW Only" parts of the band in the future and, again in my opinion, the sooner we get on with it rather than using arguments that are weakened by emotive language against no-code licenses, the easier it will be to prove that CW is still alive and well and needs space on the bands.

Think of the QRP/QRO situation, if no new QRP enthusiasts were being recruited then there would be no need for areas of the bands for QRP operation. There isn't an additional 'test' to use QRP, yet the numbers of QRP enthusiasts seems to be growing. I believe that this is due to the enthusiasm, time and effort put in by those who visit clubs and Elmer people new to QRP and that a 'QRP Test' would be counter productive to encouraging new QRP operators.

Before the flames come rolling in, I know that there are those who do a great job of Elmering new CW enthusiasts and talk about CW and Morse Code to clubs, but I think that more of us who like CW need to get proactively involved in encouraging new CW users, ready for the time when the Morse Code Test is removed.

I wonder how quickly Packet or QRP operation would have grown and developed had people been obliged to pass a 'Packet Test' or a 'QRP Test' before going on the mode? I know that I wouldn't have bothered to have a go if this had been the case.

Regards de Dave (G0DJA)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: timcook@erinet.com

Subject: [13704] COAX?

Message-ID: <331CAE54.71B3@erinet.com>

Since we were on the subject of coax, I have some on a reel and it has the number "TRF-8", anyone know any particulars?? Please email if so.. thanks

Tim

NZ8J

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: "Vic Blackwell" <blackwel@tlcnet.muohio.edu>

Subject: [13668] Coming aboard Test

Message-ID: <9703041738.AA20218@tlcnet.muohio.edu>

Just testing list access. Please ignore.

Vic AD8K

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: tahrens1@juno.com (Tim H. Ahrens)

Subject: [13699] CQ Beacons

Message-ID: <19970304.161648.9191.4.tahrens1@juno.com>

On Tue, 4 Mar 1997 09:49:47 -0800 "Michael A. Gipe"

<mgipe@reliablemeters.com> writes:

> The W0 had a decent signal but he was calling CQ for 10 minutes straight

>without stopping to listen. Tried one quick call to him when he

>stopped sending, but I guess he didn't hear me because he started another 10

>minute CQ. I had to get to work so I couldn't wait.

Mike - I've heard those signals before.. I believe that they are beacons in disguise!

Tim W5FN

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [13615] Debugger #2: Day 5
Message-ID: <199703040218.UAA04967@multi13.netcomi.com>

How long can it take to tighten half a dozen screws, wire a dozen wires?
More time than you expect.

Based on previous experience with the documentation, I expected to have to trace out where to bring out off-board connections. However, there is one page in the documentation supplied with the kit that has a diagram of all the chassis wiring and it is 99% correct. The other 1% is reversed wiring for the narrow/wide filter switch.

I added a 10 uF electrolytic cap between the regulated power feeding the AGC circuit and ground. I hoped that this would help the AGC oscillation, especially since there was no large cap on the output of the regulator IC anywhere. It certainly couldn't hurt. How did I pick 10 uF? There was one lying on the bench. (Plus experience says that 10 uF is a reasonable -- if slightly small -- value to put near a suspect low frequency circuit.)

I had to reform the PA transistor leads to get it to line up with the mounting hole when the board spacers were installed. That was a little painful but do-able. The TO-220 transistor mounts beneath the board, bolted to the bottom of the chassis -- not the most convenient place to work. The kit instructions mention insulating washers and hardware for the transistor, but I found none in the kit. Fortunately, I had some Kapton film and nylon hardware in the junk box.

Got everything wired and mounted in the box. Phew! Glad that's done.

This, of course, is the time when the most frustrating smoke often slips out, so I gingerly turned on the power supply. No smoke. No audio on the scope. Oh yeah, gotta tune it. Can't find the signal! Turn up the generator level. Tune again. Turn up the scope sensitivity. There it is. Tunes OK, but wasn't I getting a lot more signal out of the receiver before? Check the notes. (This is why you keep notes during the debugging sessions.) Yes, much more. OK, check power supply current. OK with no signal. Three TIMES normal with signal. Hmmm. Start backing through the circuit with the scope. On the output pin of the LM386 audio amp, I see lots of signal, just as before. Between the IC output and the phone jack is a 20 uF Electrolytic coupling cap and the volume control pot. No, no, no, I'm not that stupid (this time)! Volume control pot is full on, and the signal is controlled properly by it. Check the cap. How do you check an electrolytic cap soldered into a board that is mounted securely into a box? Usually, the PVC cover on a mini electrolytic does not cover the top of the cap. If you put a scope on the metal top, you usually see a signal which is roughly center tap on the cap. (Amazing, isn't it?) Put the

scope on the top of the electrolytic cap and I see a half-amplitude signal. That can only mean that the headphones side of the cap is being pulled pretty close to ground. It makes sense that the power consumption would go up when trying to drive a lot of current to ground. Power off. Ohmeter out. Sure enough. One of the standoffs used to mount the board to the chassis is shorting to a pad on the board. Fix that and we have full audio.

OK, a quick test of the receiver confirms that it is working. It tunes from just below 7.000 MHz to somewhere in the novice band. Nice work Larry!

The AGC is not oscillating. That is good news. I'm not sure that I'm going to like the fairly long recovery time constant in on-air operation, though.

Key the transmitter and we have a good output.

I notice that the transmitter has a loud sidetone which triggers the AGC. This is a drawback of the design, which keeps the receiver open to hear the transmitter directly to produce the sidetone. Not sure how this will fly in Peoria.

Check the RIT. Works OK.

Check the audio filter again. (Forgot to tell you that I checked this out before putting it in the box.) Works but the front panel switch is backwards. This switches the audio filter in or out of the circuit. Unbolt the mounting hardware and rotate 180 degrees. OK.

Check the transmit offset. Within 100 Hz of where it should be.

The front panel power LED is dead in both directions. Need to dig it out of the glue and put a new one in.

Check the medium term VFO stability: I put the signal generator on 7074.600 and tuned the receiver for max audio level which was at 700 Hz tone as measured with the scope. Put the scope's frequency cursors on the audio tone peaks and then just let the receiver run for an hour and a half. Then I checked the audio tone frequency and found that it was 670 Hz -- 30 Hz drift in 1.5 hours.

Had to wire up a couple of adapter cables. Who on earth would use RCA phono jacks for antenna and DC power?

After I fix the LED and put the cover on, it will be time for the ultimate test. Details at 11:00 UGT (Unified Gwangahala Time).

Mike K1MG

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [13674] Debugger#2: Day 6, interim #1
Message-ID: <199703041752.LAA16078@multi13.netcomi.com>

Connected the Gap vertical to the Radiokit this AM before heading to work.

Powered up and listened to the band for a few minutes. The band was almost completely dead except for the SW broadcasters, one JA, a W0 and a W7. The W0 had a decent signal but he was calling CQ for 10 minutes straight without stopping to listen. Tried one quick call to him when he stopped sending, but I guess he didn't hear me because he started another 10 minute CQ. I had to get to work so I couldn't wait.

My Kenwood TS-570D gave the same results.

The WM2 showed about 3.5 watts out to the Gap.

Tuning was smooth and pretty linear. The tuning range is adjusted to cover from just below 7 MHz to 7.140 MHz. RIT works very nicely. The switchable bandwidth is very nice.

Listened to the Radiokit transmitter with the Kenwood and might have detected a very slight chirp, but I need better ears to tell. I'll have to see if I can increase that -- after all, how will the other guy know it's QRP unless it chirps?

One problem: The transmit sidetone is extremely loud! This is actually the receiver hearing its own transmitter and I'm not sure if it is inherent to the design or something broken.

I'll have to look into that today and replace the power-on LED.

Mike K1MG

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: camqrp@cyberg8t.com (Cam Hartford)
Subject: [13678] Final Fox

Message-ID: <199703041813.KAA15023@key.cyberg8t.com>

>Gang,
>
>As we near the end of the third annual
>foxhunt, here are the remaining foxii to
>chase.

>The famous Cam Hartford, N6GA, has one
>night the 17th-20th, so he'll have to
>decided by Wednesday of next week so that
>all the TX guys can line up the big guns
>and blast him to Hawaii. :-)

>Good luck to all or most, whichever comes
>first.....

>-----

>Mar 5	0400-0600	N6WG	Bob	CA
>Mar 7	0100-0300	N9DD	Tom	IN
>Mar 12	0200-0400	KU7Y	Ron	NV
>Mar 14	0100-0300	N2TNN	Dean	NJ
>Mar 19	0200-0400	WA1GUV	Tom	VT

>Chuck Adams K5F0 adams@sgi.com DXCC=11
>http://reality.sgi.com/employees/adams_dallas/

Gang,

The famous Chuck Adams, K5F0, is hereby informed that I will do my Final Fox Fling on March 20, 0200-0400.

Sorry to take this long, Chuck, but I'm still putting the finishing touches on my Texas QRM Filter. It would have been easier if we did this Fox thing on SSB, cuz the voice recognition circuitry would have been able to spot the Texans earlier in the QS0. But no matter, I'm gonna run my Forty-9er into the 40M Log Periodic which is oriented along a North-South axis. Should take care of them pesky Texans for good.

See y'all there.

Cam N6GA

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: Steve/N0TU <N0TU@webaccess.net>
Subject: [13685] Foil Radials?? Will They Work??
Message-ID: <331C7215.7807@webaccess.net>

As I was staring at my unlandscaped backyard (our HOA gives us 6 months from your move-in date to get it done...I'm late already) during the last snow storm, I remembered a post on "foil antenna in the attic! Bingo! How about foil radials...I could lay several rolls of foil out underneath the black plastic and maybe help reduce ground losses. I've been looking for cheap sources of wire for radials...I had a vertical w/100+ radials before in another location GREAT antenna w/radials... and a lousy antenna w/little to no radials!! Any suggestions...? I'm setting up my SVL vertical on the second story deck which is 10' above ground...I using the SLV only to support a 20' wire plus the 10' deck above ground will give me a $\approx 1/4$ wave on 40m Also feeding it with about 10' of 300 ohm twin lead thru PVC at the ground level ...I might try to load it on 80m by the use of a wire top hat (3-4 wires strung off the top of the SLV)...Maybe put a 80m loading coil at the deck level....Comments??? BTW I chose the SLV because I can drop it down outa sight when not in use. @!%\$#! learning to live with No Outside Antennas restrictions! All part of the QRP challenge I guess!!....Steve

"Just doing it" - Havin'a blast buildin' & usin' QRP gear that is...
N0TU/hw8/49er/ExplorerII/38s/solar/backpack-mobile... QRP-L # 911
My homepage - <http://www.webaccess.net/~S&P> ARS# 206 CQC# 394

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: gsurrency@juno.com
Subject: [13633] FOX report (kinda)
Message-ID: <19970303.221800.3286.0.gsurrency@juno.com>

Well, earlier in the evening, I could just hear the N/T Fox on 7112 khz, but not well enough to get anything but his QRP-L number, #642. I think he could hear me better, but after several exchanges and queries back and forth I gave it up.

There is some TV or CATV carrier buzz right on that frequency, so it was really difficult to pull him thru. Didn't even get his callsign, so whomever you are, little FOX buddy, thanks for trying so hard. It was just not to be. All this around 7042 khz or so.

Just a few minutes ago, around 0430 UTC or so, I did hear tomorrow's FOX Bob, N6WG. Had a short QSO with him and then Paul, WA9PWP broke in to say

hello. He must also be on this list, but I'm not familiar with the call. First Bob couldn't hear him, then they both faded out for me so I QRTed. In just a few minutes, old 40m had changed enough for Bob and Paul to have a short QSO while I listened. Listening is perhaps the biggest part of being a successful QRPer, ya know.

The Spanish SSB QRM got to be too much, and Bob had to sign too. Guys, thanks for the brief but enjoyable QSO, and hope to see Bob tomorrow night when it counts!

What a great bunch of guys frequent this list!

72 to all,

Gary
AB7MY
Chandler, AZ

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: [13653] fox teams !
Message-ID: <Pine.SUN.3.91.970304092517.440A-100000@ncrsun1>

You know, with all you hunters forming these coalition fox teams, you are sure making it hard for the independent fox hunter to gain air space to compete! Have a heart and compete individually :->. (that is my semi-serious grin :-).

Cheers/72. Kevin, KB9IUA, Rock Island IL, QRP-L ploddin' along
home: kb9iua@juno.com
work: anderson@ncrsun1.ncr.usace.army.mil

* * * * *
Opinions expressed here are my own and do not represent the
U.S. Army Corps of Engineers or the Federal Government.

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [13660] FOX: Final Appearance
Message-ID: <M1317527.001.j0wy0.1.970304161009Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Ladies and Gentlemen of the Fox Hunting Community

Tonight marks the final season appearance of the Golden Fox. The Golden Fox first appeared on this stage on January 2 (UTC), 1997, in the hit play, CQ FOX.

Admirers of this much sought performer will be happy to learn that the Golden Fox has chosen this same long-running play for his final performance. He will be on-stage tonight at the 40 METER PLAYHOUSE. Attentive audience members will be able to hear him utter his famous line, CQ CQ FOX de N6WG.

The performance begins at 0400 UTC, and ends at 0600 UTC (March 5). The best seats will be found between rows 7035 and 7040. Tickets will be on sale at the box office.

Don't miss this season's final performance of the Golden Fox.

72, Bob N6WG

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: N9DD@aol.com
Subject: [13705] FOX: Indiana Fox Thursday Night 0200-0400 UTC
Message-ID: <970304182653_1349776602@emout17.mail.aol.com>

Hello Fellow QRPers

This is just a reminder... DON'T FORGET TO TRY FOR A QSO WITH ONE OF THE LAST FOXES OF THE SEASON THIS THURSDAY NIGHT (YES I'M SHOUTING!)

I want to double my QSO total from my first try at being the fox. With your help, I know I can do it. This isn't like a real fox hunt at all -- I WANT to be caught, repeatedly!

I'll be on or near 7.037 starting at 0200 until 0400. This is an hour later than the originally published schedule. Be there or be square.

73!

Tom N9DD
South Bend, Indiana

p.s. Don't forget to come to the graduation party for WD4MSM on 7.112 or 7.122 from 0000 until 0200 UTC on the same night. I'll be there to help with the celebration. Let's see how Barry's new rig does!

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: n4js@amsat.org
Subject: [13643] Foxs and such
Message-ID: <XFMail.970304073135.n4js@amsat.org>

Not sure if the new nj-qrp address is working yet...

As a born and bred East Coast person, I am troubled by the seeming monopoly the west coast has on this fox hunt thingy. I only got onto the qrp-1 in December, and it has renewed and rejuvenated my ham interests. (While depleted my pocketbook, what with a QRP+, Sierra kit, QRP transmatch...). Anyway, it's not to early for NEW JERSEY qrpers to start preparing for NEXT fox season. Let's give those Californians, Arizonians and Texans a run for their watts! What about it. After all, we got the best of the deal when given the choice of toxic waste dumps or lawyers. Hardly notice those dumps, any more...and they make good grounds.

Would it be presumptuous to challenge those left coasters? Speak up! (You, too, Delaware).

Sent at 07:31:35 on 04-Mar-97

John L. Sielke	n4js@amsat.org	n4js@pobox.com
n4js@n4js.ampr.org	NJ Grid:FM29LN	
http://www.pobox.com/~n4js		
NJ-QRP #57	QRP-L #884	QRP-ARCI #9328
NE-QRP #507	G-QRP #9544	Norcal #???? QCWA Life Member

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: gsurrency@juno.com
Subject: [13634] freq correction
Message-ID: <19970303.223731.3286.2.gsurrency@juno.com>

Small error in previous posting, I meant to say the QSO with N6WG and WA9PWP was around 7042 khz, NOT the FOX freq, of 7112 khz that I mentioned earlier.

Just getting sleepy and didn't edit in the time at the correct place.

Good night all, sorry for the bandwidth / error.

72,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30, AT-11 (QRO and QRP)
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: "Bob Edwards, W4ED" <rbe@atlanta.com>
Subject: [13613] FT-840 QRPP
Message-ID: <331BA44A.282D@atlanta.com>

Thanks to Jim Pope/KG0PP for his article on FT-840 including
adjustment for QRPP. This article was in CQC Low Down #19
March 1997, page 25. I adjusted mine down to 900 mw.

Now I can try/start at 1 watt level for Spring ARCI contest. This
could enlarge my part in the greatest team yet to enter an ARCI
QRP contest. Yes a SOUTHERN team, not left coast, not right coast,
but one from the great American South.

--

Bob 72/73

W4ED x_AE4CA nr Atlanta @EM73wt
...."QRP", more from less....

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[ \-----/
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From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [13616] Hambrew articles needed
Message-ID: <331c85d5.105153523@smtp.usit.net>

Hi all --

Ordered the SWR/Power meter kit and the RF Dummy Load kit from Dan's
small parts. They are based on two articles by K5BDZ, Bill Hickox,
published in the Fall 1995 and Spring 1996 issues of hambrew.

The photocopies provided in the kit don't really tell me much, and
the photos are unusable. I'd like to try to combine the kits into
one box, switchable, and have some questions.

If anyone has these articles, before I order a backissue, I'd
appreciate a photocopy, or at least a couple of questions answered
concerning them.

I will be posting questions concerning these two circuits, and how

they might be integrated, over the next little bit.

Tnx!

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: Jim Dolson <dolsonj@ix.netcom.com>
Subject: [13677] HB Tube Based QRP Transmitters
Message-ID: <3.0.32.19970304125927.006a1cc4@popd.ix.netcom.com>

There was some discussion about six months back on building up old tube QRP rigs. I believe that there was an article that was being copied and mailed around. Can anyone point me in the right direction?

Tnx,

Jim
wb8zbd
dolsonj@ix.netcom.com

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [13697] HB: Power Meter(s) Circuit needed!
Message-ID: <33239cac.64214732@smtp.usit.net>

I would like to build a power meter with a combined dummy load for my QRP station. I have 2 200uA meters, and would like to use one to display forward, one reflected (continuous), with no "calibration" needed. The meters are a 0-4+ scale, so calibration would be fixed in three switchable ranges: scale, scale/2 (two watt full scale) and scale*2 (8 watt full scale). The dummy load component would also be switchable in and out, with a pickoff circuit to connect a scope or freq. counter.

I've checked my 1990 Handbook, and QRP classics, with no help. All

the circuits there utilize a single meter and some sort of "cal" to measure SWR.

Private e-mail ok, if this topic wouldn't be of interest to the group. I have two articles from Hambrew mag, Spring 96 and Fall 95, both by Bill Hickox of Tejas Kits, K5BDZ, but can't figure out the metering on the SWR/Power meter, nor how to modify the ranges via switch. Nor can I determine the input vs. pickoff circuit on the dummy load.

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq
~~~~~

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Dave.Ackrill@westwood45.powergen.co.uk  
Subject: [13662] Heathkit HW-100  
Message-ID: <970304164657Z\*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB@MHS>

I've seen an advert for a Heathkit HW-100, without a PSU, and I wondered whether anyone out there has any opinions on whether it would be worth the effort of buying it and building a PSU? There is a circuit diagram in the handbook, but it is not the normal "13.8 Volt DC" type of course as the rig needs HT and various other supplies associated with valves.

Any comments on the suitability of the HW-100 as a QRP rig would be appreciated. What would you expect to pay for such a rig? (as little as possible I suspect HI ;-) ) Does anyone know where a suitable PSU might be obtained (This is my lazy side talking now) and for how much?

Thanks - Dave (G0DJA)

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Dave Adams <adamsclan@netgate.net>  
Subject: [13671] Here I go again!

Message-ID: <331C65FC.4643@netgate.net>

Just got a call this morning saying I'm leaving for a trip to France this afternoon...see you all in a week. I beleive I got the one year recip last trip (I have to run into work to verify and grab the paperwork) so listen on CW for FZ8/N9UXU.

73 de dave, n9uxu

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: roy lincoln <x5m7v7wl@coastalnet.com>

Subject: [13703] Here I go again!

Message-ID: <1.5.4.16.19970304175247.1f4f5538@mail1.coastalnet.com>

Just got a call this morning saying I'm leaving for a trip to France this afternoon...see you all in a week. I beleive I got the one year recip last trip (I have to run into work to verify and grab the paperwork) so listen on CW for FZ8/N9UXU.

73 de dave, n9uxu

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: w8lrn@qtm.net

Subject: [13667] IC-707 Mods

Message-ID: <199703041725.MAA22508@garcon.qtm.net>

Any one have mods for the IC-707 ??  
Would like to have more control of the  
AGC and add a Vox circuit. Does anyone  
have a CW filter for it that won't cost me  
an entire SS check ?? hi  
Thanks.....

.....de....W8LRM.....A1

MI-QRP #41 QRP-L #532 QRP-ARCI #6524  
G-QRP #4152 NOR-CAL #246 CQC #289 (EN62RE)  
>From Southwest Michigans Sunset Coast:  
Saint Joseph, Berrien County, Michigan !

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Brad Mugleston <bmug@gw1.com>  
Subject: [13651] Kenwood Filters  
Message-ID: <01BC2872.8CAA8720@pps-pc10.gw1.com>

Sorry again, but I asked the wrong question yesterday. I was looking for the person that had the YG-455CN filter to go with the YK-88CN.

Thanks  
Brad KB0ROL

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: timcook@erinet.com  
Subject: [13692] KH7 on now  
Message-ID: <331C8F1A.2C41@erinet.com>

KH7/K9PG calling CQ on 14.025 nice sig in ohio  
NZ8J

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: v31ry@ix.netcom.com  
Subject: [13694] KH7/K9PG  
Message-ID: <199734143857341@ix.netcom.com>

Just worked KH7/K9PG on 14.025 running 5w to an attic dipole  
near Denver, CO.. Too bad he's in Hawaii and not on Kure Island!  
Darned new prefix assignments..

Glenn

-----  
Duct Tape is like the Force: It has a light side, and a  
dark side, and it holds the Universe together.

AE0Q / V31RY            ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com    -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: talljazz@teleport.com (Dan Presley)

Subject: [13684] Lost QRPP

Message-ID: <v01530502af42195a326b@[206.163.125.157]>

It appears I too am one of the 'lost souls' who didn't get his QRPP (Dec issue). As others have mentioned, I would love to get even a photocopy of the issue, and will gladly pay all costs. If you can help, please e-mail me direct. Thanks!

Dan N7CQR

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: v31ry@ix.netcom.com

Subject: [13688] MFJ-784 DSP Filter

Message-ID: <199734125820341@ix.netcom.com>

I'd like some information about the MFJ-784 DSP audio filter. If anyone has one, could you please reply to me directly?

Thanks -- Glenn

-----  
Duct Tape is like the Force: It has a light side, and a  
dark side, and it holds the Universe together.

AE0Q / V31RY            ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com    -- ARRL LM, QCWA LM, NCVA --

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: Joe Everhart <n2cx@voicenet.com>

Subject: [13624] More Rainbows in the mail

Message-ID: <199703040424.XAA14144@mail3.voicenet.com>

Gang,

A total of 50 Rainbows have now been shipped! They are being sent in the sequence according to the date we received the orders. Shipping is by First class mail and they *are* getting out to folks very quickly. We already have confirmation that several of the kits sent out on Friday were received Saturday and have already been built!

An additional 50 kits will go out later this week, with the remainder (about 300 total) to be shipped as soon as more blank pc boards are received.

Orders are still being received and as promised, there will be another build of kits. The second build will be at least 100 kits and probably 200.

Watch for the Spring issue of 72, the NEQRP newsletter. There will be a short article on the Rainbow and a longer article on using end-fed half-wave antennas for portable operation.

72/73,

Joe E., N2CX

from Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: Barry Keating <Barry.P.Keating.1@nd.edu>

Subject: [13656] N/T FOX Graduation Party

Message-ID: <v03007807af41ec56fb59@[129.74.87.62]>

Dear \_\_\_\_\_,

You are cordially invited to attend the "N/T Fox Graduation Party" in honor of WD4MSM to be held this Thursday evening (March 6 -- local date) from 0000 to 0200 UTC at either 7.112 or 7.122 Mhz. WD4MSM has graduated to a General Class ticket and this will mark his last time as the N/T Fox. During his tenure as N/T Fox, WD4MSM has logged 43 states QRP and taken third place in the Columbus, Ohio CQrp Challenge Contest. He recently passed his General Class Exam (Chuck was correct in predicting that the N/T's would be able to upgrade by March). He would like to thank you in person at the Graduation Party.

The Graduation Party (no presents please) will take place in the two hour slot just before Thursday's Regular Fox (N9DD) takes to the air (see previous post). Please plan to drop by the Graduation Party and say hello. Leave a QSL card and then drop next door and bag the regular fox.

WD4MSM  
Thursday, March 6th (LOCAL date)  
0000 - 0200 UTC  
7-9 pm EST, 6-8 pm CST, 5-7 pm MST, and 4-6 pm PST  
7.112 or 7.122 MHz as conditions allow  
QTH South Bend, Indiana  
QRP-L# 642  
QRP++ at 5 watts  
G5RV up 30'

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Barry Keating <Barry.P.Keating.1@nd.edu>  
Subject: [13646] N/T FOX Report for Monday  
Message-ID: <v03007803af41d2b2f460@[129.74.87.62]>

\*\* N/T Fox Report for Monday, March 3, 1997 \*\*\*

Talk about noise on the Novice portion of the band...

| TIME | STN   | NAME  | ST | RST | NR      |
|------|-------|-------|----|-----|---------|
| 2320 | KT3A  | Cam   | PA | 229 | 201     |
| 0014 | WJ4P  | Randy |    | SC  | 339 296 |
| 0053 | AB7MY | Gary  | AZ | 119 | 571?    |

Thank you to the truly persistent (even though you might not be listed).  
I could barely hear my own call with all the noise. Now I remember  
why I wanted to upgrade my license -- to get on the "quieter" portion  
of the band.

Barry Keating  
WD4MSM  
South Bend, Indiana (90 miles east of Chicago)  
MFJ 9040 running 5 watts  
Radio Shack DSP  
G5RV antenna (half-size, 52') up 30 feet

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Phil, K6LS" <k6ls@amsat.org>  
Subject: [13625] ND or "a hunting we will go.....".  
Message-ID: <331B9785.78AA@amsat.org>

I am deep in the rf jungle of the 40m novice band hunting the ever elusive ND station. Hunting conditions are not that great, heavy mixture of QRN and a dash of QSB every now and then. I am lucking to have my prime hunting accessorie, the W9GR DSPIII is doing its thing, helping to "track" the foe. No sight yet (8:30 pst).....paddles at the ready with a fully loaded electronic keyer to boot. time to be quiet, dont want to spook 'em.....ssssshhhhhhhhhh.

72 de Phil K6LS :-)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Brent Alexenko <alexenko@prairie.nodak.edu>  
Subject: [13691] ND-QRP  
Message-ID: <Pine.OSF.3.91.970304145510.7865C-100000@prairie.nodak.edu>

Hi!

First of all, thank you to everyone who's sent me mail about the sked. I guess I goofed in picking a frequency. I don't hear the broadcast station up here.

I ended up on 7.112 for a while and then went back to 7.114. Sorry if I missed you this time, but it's not as if I'll never be back on.

Here's who I got:

N7VE/QRP  
K0FRP/QRP (don't know if he heard me in return)  
W9VOV  
K6JI/QRP

I don't know when I'll get the chance to play again (pesky homework), but I'll post where I'll be.

Thanks again...

Brent  
KG0WE

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Bill Howell <bhowell@mail.utexas.edu>  
Subject: [13657] Need address help for C03JR  
Message-ID: <199703041602.KAA22078@mail.utexas.edu>

Last week (2/27), I worked C03JR on 7.040. I don't see him listed in my Callbook (1991).  
I also don't find him in the online lookups.

The exchange went like this: "Jorge, Havana, Cuba. I am ok in the new callbook is  
CM3JR CM3JR CM3JR. 73, etc".

He then proceeds to call CQ again, using C03JR.

So....I don't know if he meant his NEW call is CM3JR, or perhaps that is the call  
of his manager.

Does anyone have any address info on this fellow?  
Thanks,

Bill Howell  
University of Texas at Austin  
Performing Arts Center  
Electronic Maintenance  
voice 512.471.1388  
bhowell@mail.utexas.edu  
N5ALO QRP-L #415

everything is sacred  
nothing is serious



From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: KG0ZT <pugrad@mill2.MillComm.COM>  
Subject: [13635] Need copy of Heathkit HD-10 Electronic Keyer manual  
Message-ID: <Pine.3.89.9703040006.A16492-0100000@mill2.MillComm.COM>

I have posted this request to the "Boatanchor" USENET forum with no success... so thought that since this is a CW oriented group that one of you might be able to help...

I'm posting this for an "older old timer" who doesn't have internet access.

He has a Heathkit HD-10 Electronic Keyer that has developed some problems and somewhere in one of his moves, he lost the manual.

What he is looking for is a ...COPY... of the complete manual... parts inventory, assembly and checkout procedures, schematics, etc...

If you have the manual for a Heathkit HD-10 Electronic Keyer, we would really appreciate a copy of the complete document... and of course we are more than willing to reimburse all copying and mailing expenses.

Thanks

```
*****
*
* 72 / 73 KG0ZT Dave Cary Rochester, MN
* ARRL VE QRP-L # 979
*
* pugrad@millcomm.com
*
*****
```

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Marshall G. Emm" <mgemm@mtechnologies.com>  
Subject: [13701] New Kit  
Message-ID: <331C84C8.35EF@mtechnologies.com>

Further to my message yesterday, here's the detailed info on the AADE Digital Display. It's \$49.95, and you can see a picture of it on the Milestone Technologies home page: <http://www.mtechnologies.com/mthome>

73  
Marshall

Milestone Technologies is delighted to offer this complete board kit for a miniature digital frequency display and frequency counter (DDF) from Almost All Digital Electronics. It's designed to display the frequency of operation of HF, VHF, UHF and SHF superheterodyne (with an adjustable IF offset) and direct conversion (without offset) receivers and transmitters.

The DDF can also be used as a bench-top frequency counter or built into other test equipment-- usable, and accurate, up to 32 MHz as is, or up to 8GHz with an external prescaler.

The DDF uses a PIC16C71 micro-controller which has a built in A/D converter. Two channels of A/D conversion are available, and can be used to program a frequency offset, usually equal to the IF frequency of the receiver or transmitter. The range of offset (IF frequency) is 0 to 32 MHz in 500 Hz increments. The unit then measures the Local Oscillator frequency and adds or subtracts the IF frequency offset. The result is a display of the actual receive or transmit frequency, with resolution to 100 Hz. But the DDF has two discrete inputs so you can use it as a direct reading frequency meter without the offset.

A high-visibility, low current, contrast controlled, 16 character LCD display completes the unit, a an example of the displayed information is "14.2251 MHz USB." The unit is 3.125" wide x 1.4" high x 1" deep, open frame construction, intended to be built into something else or put in a small cabinet. Power requirements are 8 to 18 volts, 20ma. (Works great on a 9 volt battery).

Price: only \$49.95!. Add \$3.00 for 1st Class Mail, \$5.00 for Priority Mail. CO residents please add sales tax.

Send check or money order to:  
Milestone Technologies, Inc.  
3140 S. Peoria St. Unit K-156  
Aurora, CO 80014  
phone: (303) 752-3382  
e-mail: [sales@mtechnologies.com](mailto:sales@mtechnologies.com)  
www: <http://www.mtechnologies.com/mthome>

Credit card orders (Visa, MC, Amex, Disc) by e-mail, web site, or phone toll free (800)238-8205.

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Heron, George" <G.Heron@dialogic.com>  
Subject: [13675] NJ-QRP Club = new location & look!!  
Message-ID:  
<c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970304175905Z-6081@exchange1nj.dialogic.com>

Hi all,

When you get a chance you should stop by our new location for the NJ-QRP Club: <http://www.njqrp.org>. We recently moved to a new server, registered our official domain name, and have a major overhaul in progress, turning our presence into more of an online technical journal for club activities, homebrewing, club projects, events, etc.

Although the construction is still in progress, you'll get a feel for what we're trying to achieve. Hope you like it! Let us know what you think...

72/73,

--George N2APB  
[g.heron@dialogic.com](mailto:g.heron@dialogic.com)  
<http://www.njqrp.org> ... Home of the NJ-QRP Club

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Niels Jensen Kristjansson <nkristja@cadvision.com>  
Subject: [13621] QRP Cook Book  
Message-ID: <1.5.4.16.19970303083157.1f97aaf6@cadvision.com>

Hi gang,

Does anyone know anything about a QRP Cook Book published in South Africa? I remember a message, from Johann ZL6L, on packet and fired off a message to him but never got an answer back. The prize was US\$ 10.- if memory serves.

Got the 38S in the mail, fell in temptation and built it saturday, no smoke sofar, find the audio a little low (yes got the R24 replaced with a pice of wire). Does transmitt ok but Intend to get it working stock before any mods.

72 de Niels  
VE6NJK/TF3NJ

: Argonaut 509, 49-er, Epiphite, HW-7 and a 38S in the making.

: And a distinctive swing ;-)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Joel Malman <malman@BBN.COM>  
Subject: [13629] QRP: Got to love it!  
Message-ID: <199703040506.AAA213196@nss2.CC.Lehigh.EDU>

Folks,

Tonight (Monday 3/3/97 EST) I was having some QRP fun working the Spartan Sprint .. Lots of nice QRP signals heard and worked (K10J thanks for trying to pull me out of the QRM, maybe next time)... But at about 0315z I heard "CQ de VP2V/K1DW" on 3560.0 ... quick .. I call him (Hummm, just like a hunter after a fox) at about 30 wpm (I am running 4 watts). A second later, his response: WA1QVM 599 TU K. So I respond: "TU 599 NR BOSTON QRP 4W 72 AR" ... and K1DW sends "BK BK QSL QSL QRP TU 72 SK"

It's the quick exchanges like this that makes me happy to be QRP ... and just love this hobby...

72,

/joel wa1qvm (concord, ma)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Jim (AL7FS) and Nancy (KL7NY) Larsen" <larsennnc@alaska.net>  
Subject: [13631] Question - 40 mtr 2 element beam  
Message-ID: <331BAEE0.29D0@alaska.net>

Greetings from Alaska,

I was wondering. I know full well that 40 feet is not the "correct" height for a 2 element 40 meter beam. Given that I need my signal to travel 1500 miles just to get to Seattle and given that the take-off angle of a 40 meter beam at 40 feet will be messed up from optimum, what can I expect if I spend the money for a beam? Am I wasting my dollars? Sure, I can beat my inverted V (maybe) but just what would I gain (no pun intended)?

It is surely a shame I cannot put up tall towers but many of us have to compromise. I feel lucky to have two 40 foot towers on my lot.

Thank you, one and all.

73,  
Jim  
AL7FS

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "J.B. Fox" <w5hir@mail.phoenix.net>  
Subject: [13687] RAM  
Message-ID: <199703041934.NAA07302@raid2.fddi.phoenix.net>

I bought a really nice old Toshiba laptop which I have been using for packet...doesn't have any RAM.. anyone have a suggestion where I can get about 8 megs for the unit;; it is a Toshiba T1000LE.

Thanks for any help...  
Foxy w5hir

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: jayboy@psnw.com (Jay & Jackie)  
Subject: [13612] Sierra Report  
Message-ID: <199703040055.QAA26510@sierra.psnw.com>

Well Group,

Got the Sierra finished this weekend. The good news: Xmtr functions fine, rig looks great (KC-2 finished, but not yet installed). Bad news: Rcvr seems to meet all test parameters, but sensitivity is way down...Hoping I screwed up the the band module (40m). Going to build one of the other modules this week and compare. Freq right on as specs...Anyone have any sensitivity problems and cures?

Jay, W6JDB Madera, Ca

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: wylde@nccn.net (Grover, K7TP)  
Subject: [13619] South African miniature key  
Message-ID: <v02130501af4144c15ea4@[205.139.74.230]>

I got one of these little keys last year and now need to find another. Does anyone have any information?

Grover  
K7TP

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Randy Hargenrader <randyh@harksystems.com>  
Subject: [13627] Spartan Sprint Notable QSO's  
Message-ID: <331BA9E0.24A3@harksystems.com>

Hi gang,  
Just finished tonites Spartan Sprint and "what a night". A couple of QSO's made it a LOT of fun...  
The first one was with KQ4XX. He is in TN which is no big deal except - he was running 50 MILLIWATTS!!!  
The second was a qso with AA7QF from Oregon with him running 2W and me (in SC) running 1 watt. In my best Harry Karry voice - "HOLY COW!!!"  
All this using the 'lil 'ol 89er Plus running 1 watt out on 80.  
Guess you can't say my station was doing \*any\* of the "work"!  
Thanks to those two stations who hung in there for me!!  
The night was a good one for me, working 10 states on 80 mtrs!  
--  
73, Randy WJ4P  
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Kd0su@kktv.com  
Subject: [13609] Tnx QRP-L Help  
Message-ID: <199703040012.TAA118719@nss2.CC.Lehigh.EDU>

Thanks for your help guys. I lost the help file, both hardcopy and on disk, so I had to ask. As usual for this group a great response.

73, Rick  
KD0SU -- Colorado Springs  
CQC #100 - QRP-L #539 - MIQRP #1284 -- NORCAL  
ARRL - AMSAT - SMIRK

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Bill Todd <bill@techline.com>

Subject: [13640] Value of RG-88 ??

Message-ID: <1.5.4.32.19970304074743.0068b9a0@mail.techline.com>

Yes, that's right - - RG-88 A/U. I got about 130 feet of it as a gift, and it looks pretty interesting because it is a tripple braided 52 ohm coax.

Anyway, is this coax still produced? I cannot see any listing of this coax in the 94' Handbook, and the older Hanbooks (1981, 1974 an 1968) does not list the coax either. I wonder if anyone on the list(s) know how much this stuff costs per foot? And is it 52 ohms as I suspect?

Is this coax commonly used for VHF/UHF? I wonder if it is as effective as Carol Cable 9913 (probably not..).

CUL, Bill-N7MFB

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: Al Hunter <ahunter@inland.net>

Subject: [13670] Vibroplex bugs have been traded

Message-ID: <3.0.1.32.19970304093957.006ae620@inland.net>

Thanks to everyone who responded to the Vibroplex bug trade. Both have been traded.

72/73

Al - AA6SO

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: bcutter@teal.csn.net (Bob Cutter)

Subject: [13650] Way to go W6EMT

Message-ID: <199703041451.HAA03163@mailrelay.csn.net>

Roy, W6EMT is a true QRP'er. He was my last Q before I froze out at FYBO and last night he came through as my first Q with the stock, milliwatt 38S haywired on the bench.

72, Bob KI0G

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
Subject: [13649] Web Page Update  
Message-ID: <199703041446.0AA14727@chuck.dallas.sgi.com>

Gang,

I have added my picture to my page and I have added a new section for the Small Wonder Labs GM-30 transceiver that may be of interest to some that are wondering what the rig looks like. I haven't gotten this one in a case yet, but someday soon.

And if you don't rush immediately over there in the next 10 minutes I'll add a photo of the KD7S, Bill Jones, E-Meter.

dit dit  
Chuck Adams K5FO adams@sgi.com DXCC=11  
[http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>  
Subject: [13611] Where's N/T FOX \*Now\*?!  
Message-ID: <970304003337\_70511.3041\_IHD71-1@CompuServe.COM>

Gang:

Heard the Novice FOX about 15 over 9 right at the start. He was on 7122.9 here in Rochester, MN (SE MN). He kept calling CQ but apparently going back to no one. Then he either quit, QSYed, or faded.

Now I cannot locate him at all, anywhere in the Novice freqs.

Anyone know where he went? Many thanks for the help.

72/73,  
--QRPDoc/K0EVZ QRP-L #861 MN-QRP #19 NJ-QRp #69 AK/QRP #139 ARRL

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: wylde@nccn.net (P. Grover Cleveland)



Subject: [13702] Who had the Digitrex 20M radio?  
Message-ID: <v02130500af424a4052ad@[205.139.74.145]>

Sorry - I lost the file and can't remember anyway.

Can you e-mail me about the radio please (now that it's been found).

Grover

"Of all the things I've lost, I miss my mind the most."

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Vic Rosenthal <rakefet@rakefet.com>  
Subject: [13700] WTB: Power supply  
Message-ID: <331CA126.6BE@rakefet.com>

I need a 13.8v power supply, capable of about 20a continuous. Now, you may ask, why do I need all of those AMPERES? Because sometimes I, like all human beings except my XYL, am weak and use 100w!

Anyone have one for sale?

Vic K2VCO

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: tmh@world.std.com  
Subject: [13620] ZL-Special: any more takers?  
Message-ID: <Pine.SGI.3.93.970303221714.13515B-100000@world.std.com>

I posted a description of this fun/easy/cheap/effective antenna to the list this morning (Monday). Since I'm still getting requests for info on it, some folks might not have gotten my post. If anybody wants a copy of the description please email me directly: tmh@world.std.com and I'll send you one.

-- Tim N1PAZ

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: "Phil Sikes" <psikes@whidbey.net>  
Subject: [13686] ZL2UW on 30 meter  
Message-ID: <199703041923.LAA21509@islander.whidbey.net>

WOW!!! I love this loop antenna. Last night I worked ZL2UW with 5 watts from my QRP+ and my new full wave loop antenna. According to my calculations that was 7,351 miles. He was 599 and I received a 559 which I gladly accepted. The time was 0916 UTC and he has been on or about 10.104 for several weeks now. Off to have more fun..

72 - Phil  
Phil Sikes - KJ7NS  
ARCI #9196 - QRP-L #528  
FISTS #2602 - NW QRP #412

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: tmh@world.std.com  
Subject: [13644] ZL: one last time...  
Message-ID: <Pine.SGI.3.93.970304075750.20976G-1000000@world.std.com>

Woke up to 6 more requests for info on this antenna so I'll repost.

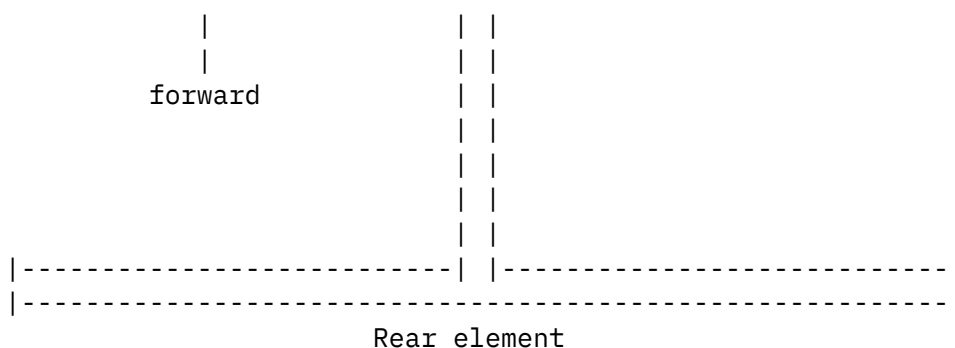
The ZL-Special I built is also known as a Field-Day Special. You may find (better) instructions in some antenna books by looking for it under that name.

The entire antenna is made of 300-ohm twinlead. I used the cheap white plastic stuff that comes in 40-foot rolls from Radio Shack (if the antenna doesn't work, you haven't spent a bundle). One roll for the front element, one for the back, and then you need 8.5 feet more, which unfortunately you DON'T have left over from these rolls, so you might have to buy a third. Total cost of antenna is around \$10.

Electrical connections:

```

                                Front element
|-----|
|-----F F-----|
      | |
      | |
      | |
      | | <-- phaseline
      | |
      | |
      | |
      / ^ \
     /  |  \
    X <--- twist in phaseline-- important!
```



--Antenna is made from three lengths of 300-ohm twinlead.  
 --The front and rear elements are approximately 1/2 wavelength long and the two wires in each elemtn ARE SHORTED TOGETER at the ends (making them folded-dipoles).  
 --The middle piece is the phaseline and is approximately 1/8 wavelength long, and MUST have a single twist in it.

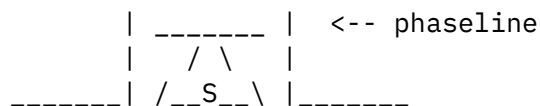
F = the feedpoints (note that it feeds in front)

I took the dimensions from the article by L.B. Cebik (W4RNL) (frequent QRP-L contributor) in the Winter 1997 Communications Quarterly, which were for 10m, and I doubled everything for 20m. This gave:

|                      |            |
|----------------------|------------|
| front element length | 32.46 feet |
| phaseline length     | 8.55 feet  |
| rear element length  | 32.68 feet |

I drilled holes in the rear element and the back end of the phaseline and just used a 4/40 screw and nut to hold them together (be careful your hole doesn't hit either wire of the twinlead).

For the front element and the front end of the phaseline, I again drilled 4/40 holes in both twinleads. I then took a S0-239 chassis mount connector, and put its center soldering stub through the two holes. I oriented the S0-239 so its 4 mounting holes lined up with the two lengths of twinlead, i.e. like a diamond in the above diagram (I let the phaseline stick out the front end about 1/8 inch), and marked the four spots on the twinleads above the mounting holes. I then drilled these four holes in the twinlead and used 4/40 screws and nuts to secure both lengths to the S0-239. This means the electrical connections have no stress on them. I dunno I think this arrangement is rather clever:



```

/      /      \      /  <-- front element
/      / S      X      S \      /
/      \ |      |      /      /
/-----\-----/-----/
          \      S      /
          \      /
          |
          |
          |
          |
          |
          / / / / / /
          (to rear element)

```

X = soldering stub of S0-239 sticking  
through holes in both twinleads  
S = 4/40 screws through twinleads  
and S0-239

NOTE: This diagram is the mechanical assembly ONLY! You must make the electrical connections in the top diagram. Before mechanical assembly cut the back wire of the front element (at the center-point) and the front wire of the rear element, and strip about 1/4 inch of the insulation. I used a solder lug over the stub on the S0-239, soldered so it lay flat. I was then able to stick the (+) wire into the tube-part of the solder lug. For the (-) wire I put a solder lug on one of the four screws and soldered to it.

I ran clothesline from behind the rear element, along the phaseline, to out in front of the front element. The S0-239 and the rear junction are tied to the clothesline. This keeps the phaseline nice and taught. I then tied 50-lb fishing line through little holes in the four ends of the front and rear elements, and tied them reasonably tight, as parallel as I could manage.

My RG58 feedline runs vertically up to the feedpoint. I tied it around the S0-239, to take tension off the coax and to form a rain-loop. The impedance at the feedpoint is right for 50-ohm coax.

If you have room for a 20m dipole, you have room for one of these! I'd really like to hear from anyone who builds one of these, and let me know if anyone has questions. My thanks to W4RNL for his article and all the work he put into it.

-- Tim N1PAZ

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: timcook@erinet.com  
Subject: [13698] [Fwd: KH7 on now]  
Message-ID: <331C9D53.456B@erinet.com>

This is a multi-part message in MIME format.

-----43BAE615F5D

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

For those who may not be aware the KH7 prefix in this case was Hawaii.  
still not bad for us flea power freaks....

tim

NZ8J

-----43BAE615F5D

Content-Type: message/rfc822  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Message-ID: <331C8F1A.2C41@erinet.com>  
From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Dean T. Miller" <dtmiller@dsmnet.com>  
Subject: [13655] Re: another key survey  
Message-ID: <9703041547.AA14725@dsm7.dsmnet.com>

Hi John,

At 08:16 AM 3/4/97 -0500, John Mckee wrote:

>

>Does anyone out there use and have an opinion about  
>the Bencher straight key? How does it compare to  
>others you might have used?

Can't compare it to anything but the Ameco and J-38 keys.

It's better than them. :)

-- Dean -- from Des Moines (KB0ZDF)

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Len W. Tough" <len@infinet.com>  
Subject: [13658] Re: another key survey  
Message-ID: <199703041604.LAA22778@mail1.infinet.com>

I use the Bencher straight key, along side a Kent Morse, J3, Nye Viking,  
and a few others.

Yes, my favorite is the Kent Morse. Runner-up is the Bencher. In my  
opinion, it is a good key for the money, although the base should be

heavier. It tends to walk. It may just be my heavy fist - heh heh.

Best 72/3

Len

KG8SF

len@infinet.com

KG8SF@key.com

---

QRP-L # 841            CQrp # 2            ARCI # 9025            FISTS # 2134

HF Digital Communications - CW/Pactor/G-Tor/RTTY/Amtor

CHARTER MEMBER - THE COLUMBUS QRP CLUB - \*CQrp\*

Web Page: <http://www.infinet.com/~len>

QRP Homebrew Rigs = OHR 400, S&S TAC-1, NORCAL 38S, SWL GM-15,

Kanga Any Band Xmitter, Bare Essential 50c5 Xmitter

---

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

Subject: [13672] Re: another key survey

Message-ID: <Pine.A41.3.95b.970304090153.107388A-100000@homer31.u.washington.edu>

I've got one (Bencher). Think the model is RJ-1. The base is black while the key bar is chrome. Been using it now for 8 months as my primary key. For my style of keying it could stand to have more weight in the rear. When I'm really pounding the brass it tipped forward. Worked around this by installing large (as in diameter) rubber feet. Doubled up on the feet to give it added height. Now it suits my style much better. It's a noisy thing when brass pounding, as it really clacks away. OK, it can be used quietly but I have to work at it, hi hi. The clacking doesn't bother me so much but I think the family can hear it when I'm doing a post midnight QSO. There is no provision for the traditional key bar pivot adjustment. The pivot bearings mount in "pillow blocks" and that's that. The other adjustments, tension, contact height, and key bar angle are all very good. It has the Navy knob which I prefer.

Also use a Nye-Viking key which has it's contacts buried in the base. Doesn't feel as solid as the Bencher but is quiet as a mouse. It's better balanced as it does not tip when I'm tapping the brass. It has the traditional key bar pivot adjustments but no bearings in there.

There is no traditional adjustment for contact height as the key bar moves a short plastic shaft that penetrates a hole in the top of the hollow base. The contacts look like those in a lever switch and the plastic shaft pushes them together. Only the key bar angle and spring tension are adjustable along with the key bar pivots. I failed to see it's good points until I got the Bencher key, hi hi. It is best suited to a very light touch and, just to reiterate, this key is very quiet. Don't know the model number...bought it used but did look it up in a catalog at that time (about 2 1/2 years ago). It has the Navy knob too.

Am on the prowl for a traditional key...perhaps a J-38. Will be seeking one out at the local hamfest this coming weekend. 73 all.

Stephen Lee, AB7HI, Tacoma, WA  
slee@u.washington.edu <snipped msg below>

On Tue, 4 Mar 1997, John Mckee wrote:  
> the Bencher straight key? How does it compare to  
>  
> John WB4OFT  
> jmckee@rfmd.com

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: ke1fi@juno.com (Paul J. Loiero)  
Subject: [13618] Re: Antenna's, Antenna's, Antenna's. How to decide?  
Message-ID: <19970303.220255.5303.0.KE1FI@juno.com>

Jeremy-

>From the layout of your property and your description, I make this suggestion assuming that the tops of the trees will allow you to support a wire that will clear your house, and that there are no power lines leading to the building that would be below the antenna.

If this is a warranted assumption, may I suggest a "loop skywire" as discussed in the ARRL Handbook. It is nothing more than a horizontal loop fed directly with 50 ohm coax (RG-58 is best due to its light weight). From the diagram, you could run the wire from tree #3 to #2, to #1, to #4 and back to #3. You might put the feedpoint close to the chimney between trees #3 and 4. From the dimensions, I roughly figure that the distance between tree #1 and #4 is about 100' giving you roughly enough air to run 245 to 250' of wire. The loop resonance is "approximated" and I mean roughly, by the formula  $1005/F$  (Mhz), rearranging this indicates that that amount of wire is resonant around 4.27 Mhz.

Needless to say, you have to run a tuner for multiband use, but the antenna's radiation efficiency is high. Even at 30 to 35', I think you will be pleased with the results. I am running one that is 540' long and about 20 feet high for 160 Meters, and I use it on every band right on up through 6 Meters. Plenty of people will call it a cloud warmer, and on the lower bands it is somewhat of a NVIS antenna. But this has its benefits, on 80 Meters it allows me to cover all of New England west to Chicago, south to Georgia and east, well, east to the Atlantic Ocean!! As you get on the higher bands, the angle of radiation gets lower and your range increases. I have made contacts into Europe and S. Africa on 20 and 15 without any problems.

It is a simple antenna, cheap, and easy to erect (use bungee cords at the support points for shock absorbers). The higher you can get it, the better it will work. DO NOT UNDER ANY CIRCUMSTANCES ERECT THIS OR ANY ANTENNA IN A WAY THAT IT COULD CONTACT POWER LINES IF IT CAME DOWN !!!!! Your signal isn't worth jeopardizing your life or your home.

If you have any further questions, ask directly or over the reflector. I'm sure others would enjoy the discourse!

Best of luck and 73,

Paul - KE1FI

```
.-. . -- . -- -... . .-. --...-- -.-- --- ... -.-. .- -. -  
..- -. . .- .--. .. .- -. --- -... ..- - -.-- --- ..-  
-.. .- -. - - ..- -. .- ..-. .. .... .... -.--.-
```

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [13610] Re: Anti CW Article in "73"  
Message-ID: <Pine.SUN.3.90.970303162357.20369F-1000000@vortex.sage.dri.edu>

On Mon, 3 Mar 1997, James C. Owen, III wrote:

> fequency including those now CW only.

Hmmmm, where are these CW only frequencies??

73, Ron, SOWP 5545M,

```
.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....
```



From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: n0acs@juno.com (John R. Morris)  
Subject: [13630] Re: Anti CW Article in "73"  
Message-ID: <19970303.230453.5471.0.N0ACS@juno.com>

Dear Vic, I don't think the problem is with CW, a lot of us "old-timers" like it, but I think using it as a "screening" requirement for entry into the HF world of amateur radio is about as logical as say a "requirement" that you build a Kenwood TS-140 "homebrew", of course, to make a license upgrade onto the HF frequencies. The problem as I see it is that at present we need a lot more amateurs to support our "need" for the frequencies we now have, or we're going to loose more of them. Let's admit the fact that at the present time the ARRL is about the only organization left in the "real-world" that thinks it should continue to be used in the "screening" role. Let's be truthful, probably most SSB operators that have held a license for 5 or more years and continued to be active couldn't pass a 13 WPM code test if the FCC walked in and required them to pass it "on the spot, or loose their license". Maybe they should pass a requirement that to have an amateur license you have to purchase a Yaesu FT-1000 and fill out a license application. There would sure be a lot of "poor boys" out here that that would eliminate. I think if you like CW, or SSB, or Packet, or whatever you should be allowed to choose it, and enjoy it without having to "pass a code test". "Now I'll retire and put on my asbestos suit"!

73/John

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [13639] Re: ARRL Handbook  
Message-ID: <Pine.BSI.3.93.970304015046.15721C-100000@u1.abs.net>

First let me say that for the most part I am in agreement with you.

I have 14 Copies on the reference shelf in this room. The earliest is the 1943 Issue and the most recent is the 1996 issue. I have several more in the Library, maybe even a few duplicates that I had been saving for the visiting new kids.

I also like to get a new one now and then. However, there are a lot out there who can't afford to spend the big bucks every year or even every couple of years.

We are also fortunate in that we have several good libraries close to us which have copies of the ARRL Handbook and a number of the other ARRL Publications. I am a strong advocate of supporting our local libraries and even school libraries by supplying them with excess ham radio books.

The Foundation for Amateur Radio is based here in our area, so that helps also. We should encourage all clubs to participate in the QRP Friends of the Library plan. How about if we all write to Wayne Green and enlist his support?

O.K., now for the at least one part where I disagree with your posting.

All of the information which was recently requested was NOT to be found in the ARRL Handbook. I know, because I went digging for it. My friend Joe, N2CX asked about Numbered Drills in the range of #50 thru #80. NO, It is not in the handbook on page 25.5 or any where else. The handbook only went from #1 thru #54 sizes.

I checked several on my reference shelf. I also checked the Radio Handbook by Editors and Engineers, 21st Edition, 1978. It did not provide the information either. #1-45 only.

I did finally find the information in two other reference books. The Radio Shack Electronics Data Handbook, Cat. No. 62-1085, dated 1986. I also found it in the QRP DATA BOOK by Paul Harden, NA5N. I might point out that Paul's book has it all, except #79 .0145" and #80 .0135" Those of you who have Paul's book please add this data on Appendix: Drill Sizes page A1-DRILL.

Those who don't have Paul's book. I recommend that you order one as soon as you can spare \$20. It is definitely worth every penny of it.

OBTW, I forgot to tell that after all was said and done, I really did not lose my GENERAL steel Machinists Ruler. Murphy hid it from me. Guess he wanted me to look in the book. Always good advice. I am sure most of you have heard the famous, "When all else fails, look it up in the books". Strongly related to read the instructions last? :-)

Funny how my ruler turned up when I no longer need it :-)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net  
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [13661] Re: ARRL Handbook & QRP HANDBOOK  
Message-ID: <Pine.BSI.3.93.970304112418.11597E-1000000@u1.abs.net>

Sorry, I don't have the address info handy.  
Pauls email is pharden@aoc.nrao.edu  
You can also try QRPBOOK@aol.com

I saw a posting where he changed distributors for the book, so I  
am not sure of the new one. Hey, I might have it here...AS..

Yep, HB Electronics 43 Rector Street Greenwich RI 02818-3312  
It is \$20.00 plus \$3.00 shipping.  
Phone/Fax (401)885-2497  
E-Mail HB.Electronics@Businessson.com  
On The WEB [Http://www.Businessson.com/HAMPARTS](http://www.Businessson.com/HAMPARTS)

Now I have to cc this to the list. Someone else just asked me and  
I didn't have this info handy when I replied. :-(

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

On Tue, 4 Mar 1997, Jack Bryant wrote:

> Re: Paul's book. I sent him an email message a week ago asking  
> how I can get one, but no answer. Can you tell me?  
>  
> -Jack W5TFB  
>

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [13663] Re: ARRL Handbook & QRP HANDBOOK  
Message-ID: <Pine.BSI.3.93.970304114403.11597I-1000000@u1.abs.net>

You may be correct Chuck. I got it right off the order form in  
the Yellow pages part of the book :-)

I think the new Dealer is HB.Electronics@Businessson.com

(401)885-2497 Bob Berlyn, N1PWU Prop.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

On Tue, 4 Mar 1997, Chuck Adams wrote:

> Danny,  
>  
> QRPBOOK@aol.com is mis-information.  
>  
> Chuck Adams K5FO adams@sgi.com DXCC=11  
> [http://reality.sgi.com/employees/adams\\_dallas/](http://reality.sgi.com/employees/adams_dallas/)  
>

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
Subject: [13664] Re: ARRL Handbook & QRP HANDBOOK  
Message-ID: <331C551A.1F7B@vyh.fi>

George Gingell wrote:

>  
> I saw a posting where he changed distributors for the book, so I  
> am not sure of the new one. Hey, I might have it here...AS..  
>  
> Yep, HB Electronics 43 Rector Street Greenwich RI 02818-3312  
> It is \$20.00 plus \$3.00 shipping.  
> Phone/Fax (401)885-2497  
> E-Mail HB.Electronics@Businesson.com  
> On The WEB [Http://www.Businesson.com/HAMPARTS](http://www.Businesson.com/HAMPARTS)

except that a capitalised Http won't work. So make it read:

<http://www.Businesson.com/HAMPARTS>

73, OH2ZAZ

--

Arjen Raateland  
Finnish Environment Institute  
SAS Support  
phone +358 9 4030 0457

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: Bob Tellefsen-CNSE97 <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [13617] Re:ARRL Handbook (and others)  
Message-ID: <M1317037.001.hz820.1.970304023601Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Marty Watt, KM7W, raised the question of expense, but I'll answer in a more general way.

The cost of new reference books can be a real bummer. However, there are ways to get around that.

Buy your handbook at a flea market. A couple of years old won't make that much difference. I have a fair sampling of Handbooks, maybe 7 years apart average. Never paid more than \$5, sometimes only \$1.

Used books are great. When I was getting started in computers, I haunted several good used book stores and built up a nice reference library for not very much. I had the additional advantage that in computers a 2-year-old book was obsolete, therefore cheap.

For radio or test equipment, that's not a problem. We are talking principles, and how to do things. These don't change much over time. A cheap 5-year-old book on oscilloscopes will be just as valid today. Besides, at least some of us buy used equipment, too, so sometimes it's of the same vintage as the book!

Just my humble (or not so humble) opinion.

72, Bob N6WG

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: john andrews <jm165723@eee.org>  
Subject: [13622] Re: ARRL Handbook (and others)  
Message-ID: <331B9C0D.704F@eee.org>

These don't change much over time. A cheap 5-year-old  
> book on oscilloscopes will be just as valid today. Besides, at least some of us  
> buy used equipment, too, so sometimes it's of the same vintage as the book!  
>

Right you are, Bob...

I'm trimming back the station and that does NOT mean the reference library. 99% of what I read in the old books is still valid. 101 ways to use a GDO and 101 ways to use your ham test equipment is every bit as good today as it ever was.

Most folks in this group not only would'nt shy away from an old HW-8, it's a 'vogue' item and works well to this day. The information we thirst for does'nt "go bad on the shelf".

Have a look at a project or concept in a 30-40 year old QST... Even with a tube project, bet a good solid-state substitute can be found.

W3DZZ, G5RV, W6SAI, HB9CV are all calls we instantly connect with great antennas. Pretty old designs...and still valid.

Bottom line...Spend the money on good information.

Thanks, Bob

72, John-N5INZ

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: lhalliday@creo.bc.ca  
Subject: [13676] Re: ARRL Handbook (and others)  
Message-ID: <9702048574.AA857498397@mail2.creo.bc.ca>

IMHO, money spent on reference material is money well spent. While some standard references are a little long in the tooth (e.g. Solid State Design for the Radio Amateur), many of the ideas are as fresh as the day they were first printed. And the theory doesn't change.

It appears that some people have forgotten that information is sometimes most easily disseminated in books. Consider the odd notion that somewhere on the net is a library of schematics for every kind of project you could imagine (read rec.radio.amateur.homebrew for a few days and you'll see what I mean). I have a pretty good facsimile of such a library, but it's all on paper...

My 38S is nearing completion. The TiCK thinks its programming switch is perpetually closed, so it whistles to itself and refuses to key the transmitter. The receiver works just fine, but I need to sort the tuning range.

Laura Halliday VE7LDH  
lhalliday@creo.com  
ve7ldh@amsat.org  
Locator: CN89mg

"C'est une femme mutine, assez  
elegante, grave et legere, ayant le  
sens du confort et du plaisir  
en tout." - C. Deneuve

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Dave.Ackrill@westwood45.powergen.co.uk  
Subject: [13641] RE: Buy the ARRL Handbook  
Message-ID: <970304094011Z\*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/  
ADMD=CWMAIL/C=GB@MHS>

I second Dan's suggestion about buying a copy of the ARRL handbook.  
My copy is from 1986 and answers most of the questions I see on the  
list.

In addition, I would recommend a copy of the ARRL Antenna Handbook.  
Mine is from 1977 and has a cover price of \$5.00 !! Although I got it  
second hand at a junk sale at a radio club which I used to belong to  
when I lived in Birmingham.

My suggestion is that, if you can't afford the price of the latest  
copy of the Handbook, that you look for a second-hand copy. Even ones  
from several years ago contain very useful information and often have  
slightly different contents from the latest issue due to editorial  
changes and need to free up space for new ideas or chapters.

Since QRP seems to be about doing more with less, then buying an older  
copy of the ARRL Handbook will save you money (to spend on that next  
kit of course) and give you a very useful source of information.

Cheers de Dave (G0DJJA)

"How far that little candle throws its beams!"  
Merchant of Venice Act 5

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: n8klx@juno.com (Jerome F Radcliffe)  
Subject: [13695] Re: CONTEST: CQrp Challenge Update - SSB T00!!  
Message-ID: <19970304.164522.12550.0.n8klx@juno.com>

Len,

In your post about the CQrp Challenge you invited SSB participation, I am  
the station chairman for the 20 meter phone station at The USECA field  
day this year, and am interested in doing some QRP SSB in preparation  
for field day. Last year we placed in the top 10 running 16A battery.  
Can you tell me the QRP calling freq's for SSB? maybe we can set up a  
sked.

Thanks in advance,

Jerry

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: ac4gt@juno.com (Nathan C Tart)  
Subject: [13706] Re: CQ Beacons  
Message-ID: <19970304.183329.4759.5.ac4gt@juno.com>

On Tue, 04 Mar 1997 17:11:57 EST tahrens1@juno.com (Tim H. Ahrens)  
writes:  
>  
>On Tue, 4 Mar 1997 09:49:47 -0800 "Michael A. Gipe"  
><mgipe@reliablemeters.com> writes:  
>  
>> The W0 had a decent signal but he was calling CQ for 10 minutes  
>straight  
>>without stopping to listen. Tried one quick call to him when he  
>>stopped sending, but I guess he didn't hear me because he started  
>another 10  
>>minute CQ. I had to get to work so I couldn't wait.  
>  
>  
>Mike - I've heard those signals before.. I believe that they are  
>beacons in disguise!  
>  
>  
>Tim W5FN

AMEN AC4GT

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "chuck munce" <k0gjx@msn.com>  
Subject: [13647] RE: Cushcraft plastic parts  
Message-ID: <UPMAIL05.199703041352230913@msn.com>

bill and mike  
i just ordered the parts you are talking about #052148 caps for traps about 30  
cents each. tel 603 627 7877  
73 chuck k0gjx



-----  
From: owner-qrp-1@Lehigh.EDU on behalf of Bill Howell  
Sent: Monday, March 03, 1997 3:36 PM  
Subject: RE: Cushcraft plastic parts

Mike, you might try emailing them. I believe I got this address from their Web page:

hamsales@cushcraft.com

You wrote:

Hi,

I just risked life and limb to lower my Cushcraft A3 tri-bander this PM for some much needed maintenance. Once the thing was on the ground, I discovered that several of the plastic trap ends are in terrible shape. Lots of splits and cracks allowing H2O to get in. (No wonder the SWR went sky high)

Can anybody tell me if the plastic caps are available from Cushcraft, or am I looking at replacing the traps effected? Nobody answered Cushcrafts phone this PM so got to wonder if anybody else had any experience with this ant?

73, mike

Bill Howell  
University of Texas at Austin  
Performing Arts Center  
Electronic Maintenance  
voice 512.471.1388  
bhowell@mail.utexas.edu  
N5ALO QRP-L #415

everything is sacred  
nothing is serious

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: Jim Hydzik <congress@magpage.com>  
Subject: [13689] Re: Debugger#2: HAARP rig  
Message-ID: <199703042017.PAA18930@alaska.magpage.com>

>  
>Tuning was smooth and pretty linear. The tuning range is adjusted to cover  
>from just below 7 MHz to 7.140 MHz. RIT works very nicely. The switchable  
>bandwidth is very nice. >Mike K1MG

Mike, sounds like the right rig for HAARP test....what do ya have to lose :)

CU, Jim K3QIO Del.

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Heron, George" <G.Heron@dialogic.com>  
Subject: [13608] RE: FDIM 97 Speakers  
Message-ID:  
<c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970304000109Z-5555@exchange1nj.dialogic.com>

And another idea (Bruce) might be to tape record the presentations, digitize them (or portions) and get them onto a website for download and playback through the local PC sound system using "RealAudio" (realtime audio pumped down over the Internet).

Although it may be a gargantuan effort, and perhaps lots of disk space, the results are outstanding ... I can't seem to find the example I'm thinking of from a Microsoft PDC conference I attended, but their keynote presentations were archived this way and it was a great way to "attend" without being there. (It was also sync'd up to video clips of the guys pacing the stage and of close up of their PowerPoint presentations.)

IF it's possible to audio tape selected pieces of FDIM, and IF someone wants to host the disk space on their web, I could look into this some more. (I can do the digitizing and perhaps we have some room on our NJ-QRP website, but I'd have to check.)

--George N2APB  
g.heron@dialogic.com  
<http://www.njqrp.org> <-- Home of the NJ-QRP Club

>=====

Bruce,

>I will not be able to attend Dayton this year. But, the FDIM papers  
>are Very interesting. Is there any plan to reprint the papers, as is

>common for other technical conferences? How about audio or video  
>tapes. I, for one, would purchase most, if not all, of the sessions.  
>They don't have to professionally edited, just a record of what  
>happened. Any thoughts?  
>  
>73, Ken, N6TZV  
>  
>  
>  
>

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [13680] Re: Foxes and such  
Message-ID: <199703041824.MAA17902@multi13.netcomi.com>

Last year I mailed a QSL card addressed to a ham in the Federated States of Micronesia. Many weeks later, I got the whole thing back with a big postal stamp from the Nicaragua postal service saying there was no such address in Nicaragua.

I think the US Postal service could use a little geography training.

Mike K1MG

> Why is it that everyone thinks US Geography is California, Arizona and  
> Texas? What happened to New Mexico? Oh well, I still get told "I'm  
sorry  
> sir, we don't ship to foreign countries!"  
>  
> Tim K5OI  
> in the state between Arizona and Texas!

Let's see, that makes it: solid, liquid, gas, hot, New Mexico, and dry.

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Tim Pettibone <tpettibo@NMSU.Edu>  
Subject: [13673] Re: Foxs and such  
Message-ID: <1.5.4.32.19970304174758.0066b870@ccserver.nmsu.edu>

>Let's give those Californians, Arizonians and Texans a run for their watts!

John:

Why is it that everyone thinks US Geography is California, Arizona and Texas? What happened to New Mexico? Oh well, I still get told "I'm sorry sir, we don't ship to foreign countries"!

Tim K5OI  
in the state between Arizona and Texas!

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: n4js@amsat.org  
Subject: [13696] Re: Foxs and such  
Message-ID: <XFMail.970304165901.n4js@amsat.org>

On 04-Mar-97 Tim Pettibone expounded:  
>>Let's give those Californians, Arizonians and Texans a run for their watts!  
>  
>  
>John:  
>  
>Why is it that everyone thinks US Geography is California, Arizona and  
>Texas? What happened to New Mexico? Oh well, I still get told "I'm sorry  
>sir, we don't ship to foreign countries"!  
>  
>  
>Tim K5OI  
>in the state between Arizona and Texas!

New Mexico is a state? Must have happened since I was in school. ;-)

Sent at 16:59:00 on 04-Mar-97

|                                 |                                                                     |                |                  |
|---------------------------------|---------------------------------------------------------------------|----------------|------------------|
| _ _ _ _ _                       | John L. Sielke                                                      | n4js@amsat.org | n4js@pobox.com   |
| \         _     / _ _           | n4js@n4js.ampr.org                                                  | NJ Grid:FM29LN |                  |
| . '     _ _       \ _ _ \       | <a href="http://www.pobox.com/~n4js">http://www.pobox.com/~n4js</a> |                |                  |
| _   \ _     _   \ _ _ /   _ _ / | NJ-QRP #57                                                          | QRP-L #884     | QRP-ARCI #9328   |
| NE-QRP #507                     | G-QRP #9544                                                         | Norcal #????   | QCWA Life Member |

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: wa5whn@juno.com (Jay D Miller)  
Subject: [13681] Re: Foxs and such/Texas/Calif./Humor <delete before reading>  
Message-ID: <19970304.115106.4447.10.wa5whn@juno.com>

Tim,

Shhhhhhh, remember what we tell them Texans & Californians about New Mexico ? It's 140 deg F, here, in the summer & - 80 deg. F in the winter, plus the wind blows @ 200 mph, both ways, at the same time. We go to the beach front properties, in Alaska, just for the warmer wx, in the winter. ;-) Oh, yeah, we are out of water too. Bring Your' own. ;-)

Interesting side tidbit, to our FYBO fun, that airplane, whose photo is in the following URL;

<http://www.flash.net/~w5bi/>

was towing a magnetometer, and other equipment. The aircraft's mission was funded out of Canada ("The Albuquerque Journal", March 4, 1997). Hmmmmm, I wonder what those Canadians are up to ?? Invasion ? Tunneling ? ;-) Uh, they can have California & Texas :-). Evidently, that aircraft was mapping the crust of the earth, down to the fault zones (Rio Grande, Rio Puerco), plus the aquifers. The area that they are mapping is in between two extinct volcanos (Mt. Taylor & Valle Grande). Do they know something ?

Now we return You to our abie-normal programming.

One Small Wonder's Labs (bensondj@aol.com) GM-15 on order, one GM-17 in house, the bands are opening & I hear very few State side Stations. Where is everyone ? Chuck (K5FO) is it time for the 17 meters band study ?

Don't forget this Saturday, the HAARP Test from Gakona, Alaska. Details in the archives of this list & at the following URL;

<http://members.aol.com/lwcanews/>

plus the NE QRP Club meeting @ W1AW (March 9th, details from W1FMR). Hey, I will be listening.

72...Jay, WA5WHN DM65qd

On Tue, 04 Mar 1997 10:47:58 -0700 Tim Pettibone <tpettibo@NMSU.Edu> writes:

>>Let's give those Californians, Arizonians and Texans a run for their >watts!

>

>

>John:

>

>Why is it that everyone thinks US Geography is California, Arizona and  
>Texas? What happened to New Mexico? Oh well, I still get told "I'm  
>sorry  
>sir, we don't ship to foreign countries"!  
>  
>  
>Tim K5OI  
>in the state between Arizona and Texas!  
>  
>  
>  
>

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Conard Murray <ws4s@InfoAve.Net>  
Subject: [13683] Re: HB Tube Based QRP Transmitters  
Message-ID: <2.2.32.19970304185745.00a02fc8@infoave.net>

Hi Jim and the list,  
Check out this web site. I think you will find an interesting assortment of  
tube-related articles there. We have some experts on the glowbug list that  
will be happy to help with any questions too.  
A qrp transmitter can be built quite easily using glowfets and not-so-high  
voltages. No toroids involved either! Receivers can be a bit more  
bothersome, but several of the crew have worked each other using single-tube  
Hartley oscillators and two-tube regen receivers. Bob, NA4G in Raleigh, NC,  
has several Hartley transmitters that have as perfect a note as any SS rig  
around, so it is possible to have an excellent signal from a simple  
self-excited rig.

<http://www.barepower.net/~carreiro/Glowbugs/Glowbug.htm>

72,  
Conard WS4S

```

.-.-.-.-.-
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .
. Cookeville, TN 38501 615-526-4093 .
. <>< Wise men still seek Him ><> .
. Member Arizona ScQRPions QRP-L # 993 .
.-.-.-.-.-

```

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Heron, George" <G.Heron@dialogic.com>  
Subject: [13669] RE: Heathkit HW-100  
Message-ID:  
<c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970304174052Z-6066@exchange1nj.dialogic.com>

I have an HW-100 and hadn't considered its value/use as a QRP rig.  
Wasn't sure it could effectively be turned down to 5W and below. Would  
be very interested if you or others could suggest ways to do this.

The HW-100 has been sitting gathering dust for some number of years, and  
I'm not particularly married to the concept of keeping vintage equipment  
vintage, so I'd consider some alterations along these QRP lines. (Plus,  
I'd been searching in the background for a tube rig to be whipped up for  
home-station-only QRP ... I miss the smell and warm glow of those tubes  
in wee hours of the night from years gone by.)

And BTW, I'll check to see if the schematic of the power supply is in  
the HW manual (gotta believe it is). If you'd like a copy of it, Dave,  
send me your address.

--George N2APB  
g.heron@dialogic.com  
<http://www.njqrp.org> <-- Home of the NJ-QRP Club!

>=====  
> Any comments on the suitability of the HW-100 as a QRP rig would be  
> appreciated.  
>  
>

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: ac4gt@juno.com (Nathan C Tart)  
Subject: [13679] Re: Heathkit HW-100  
Message-ID: <19970304.132217.4759.2.ac4gt@juno.com>

On Tue, 4 Mar 1997 12:40:52 -0500 "Heron, George" <G.Heron@dialogic.com>  
writes:

>I have an HW-100 and hadn't considered its value/use as a QRP rig.  
>Wasn't sure it could effectively be turned down to 5W and below.  
>Would  
>be very interested if you or others could suggest ways to do this.  
>  
>The HW-100 has been sitting gathering dust for some number of years,  
>and

>I'm not particularly married to the concept of keeping vintage  
 >equipment  
 >vintage, so I'd consider some alterations along these QRP lines.  
 >(Plus,  
 >I'd been searching in the background for a tube rig to be whipped up  
 >for  
 >home-station-only QRP ... I miss the smell and warm glow of those  
 >tubes  
 >in wee hours of the night from years gone by.)  
 >  
 >And BTW, I'll check to see if the schematic of the power supply is in  
 >the HW manual (gotta believe it is). If you'd like a copy of it,  
 >Dave,  
 >send me your address.  
 >  
 >--George N2APB  
 >g.heron@dialogic.com  
 ><http://www.njqrp.org> <-- Home of the NJ-QRP Club!  
 >  
 >>=====

>> Any comments on the suitability of the HW-100 as a QRP rig would  
 >be  
 >>appreciated.  
 >>  
 >>  
 >We keep seeing the mention of a tube ckt for qrp  
 I don't have the book now but.... there are plans for the  
 6L6 tube and it sure was a great little rig in it's day.....  
 some of you PACKRATS get out the books etc. and  
 come up with a ckt and pwr supply.... I got to confess  
 the PURGE system got all my OLD info.....

.....Nate AC4GT  
 >

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
 From: "Heron, George" <G.Heron@dialogic.com>  
 Subject: [13690] RE: Heathkit HW-100  
 Message-ID:  
 <c=US%a=\_%p=Dialogic%l=EXCHANGE1NJ-970304210009Z-6249@exchange1nj.dialogic.com>

Thanks for the 6L6 reference, Nate. The Glowbugs page  
 (<http://www.barepower.net/~carreiro/Glowbugs/Glowbug.htm>) has a 6L6  
 schematic, and is also a great resource for other tube-related rigs.

Along the same line, I'd be really interested in a "kit" of parts for



some simple, QRP tube-based projects, equivalent to the kitted projects coming from the clubs and small companies we see in here.

Call me lazy, but this would be the easiest way for me to get a small tube-based tx or rx project together and operational. I have a great junk/parts cabinets in the basement, but they've long since been purged of the octal sockets, large RFCs, tubes, large valued 1/2 resistors, and most other stuff associated with tube-based rigs. It would be more than a little effort to get re-tooled in the basic building blocks of the pre-transistor era. Guess the best way would be to hit the 'fest flea markets with a vengeance.

--George N2APB  
g.heron@dialogic.com  
<http://www.njqrp.org> <-- Home of the NJ-QRP Club!

>-----  
>>We keep seeing the mention of a tube ckt for qrp  
>I don't have the book now but.... there are plans for the  
>6L6 tube and it sure was a great little rig in it's day.....  
>[... snip ]  
>  
>  
>

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: GREGOIRE@endor.com  
Subject: [13693] RE: KH7 on now  
Message-ID: <Chameleon.970304163707.GREGOIRE@Gregoire.endor.com>

Thanks OM, I worked him.

73

-----  
de AA1IK, Lead by example.  
Ernie Gregoire  
  
It is better to pull a string,  
than to push it.  
  
R.R. 1, Box 221,  
South Rd. Fists # 2644, N.E.QRP # 202  
Canaan, NH. 03741 QRP-L # 95, Fly fisher & tier,  
Promise Keeper.

E-mail address: gregoire@endor.com

packet address: AA1IK@W1WOK.FN43FE.NH.USA.NA

-----  
03/04/97 16:36:38

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: timcook@erinet.com  
Subject: KH7 on now

KH7/K9PG calling CQ on 14.025 nice sig in ohio  
NZ8J

-----43BAE615F5D--

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [13636] Re: LDG Tuner Question  
Message-ID: <Pine.BSI.3.93.970304013205.15721A-100000@u1.abs.net>

This might come a bit too late, since I get the Digest.  
It is simply a matter of winding the coils in the other direction.  
I think someone else posted comments on the list last week on that  
matter.

You might also want to look for the information about the Connector  
for the ribbon cable. There was a problem with the size of the holes  
where the connector goes on the pcb. One suggestion was to carefully  
file the connector pins before installing it. The other was to just  
position it as best as you can and tack solder it in place, then  
flow solder thru the plated thru holes from the top.

DO NOT ATTEMPT TO ENLARGE THE HOLES! It will likely ruin the PCB.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net  
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: Randy Hargenrader <randyh@harksystems.com>  
Subject: [13652] Re: N/T FOX Report for Monday  
Message-ID: <331C3F58.4D41@harksystems.com>

Way to hang in there Barry! Very tough conditions.

--

73, Randy WJ4P  
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Phil, K6LS" <k6ls@amsat.org>  
Subject: [13632] Re: ND or "a hunting we will go.....".  
Message-ID: <331BA242.204C@amsat.org>

Sorry I could not hear ya, heard others in there using your call.  
(7.114)  
Oh well, the elusive ND will have to be hunted another time.

Tnx for your efforts, wish I could have been apart of the action

otoh, did manage to work Hawaii (Kona) and Ill.

72 de Phil K6LS

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: ka7you@juno.com  
Subject: [13637] Re: O-scope primer and S/A question  
Message-ID: <19970303.230802.3055.5.KA7YOU@juno.com>

Ed and the gang.

I downloaded and printed the Tektronics "XYZ's of Oscilloscopes" today. It takes a while at 36 pages(at least with my old dot printer in the graphics mode), but it is well worth the effort.

There are sections on What is an Oscilloscope, Terminology, Setting up , Control Operation, and there are many graphics and even a quiz at the end.

Another basic reference for 'Scopes is an old Heathkit manual. There are some good points to learn from the basic operation sections of the Heathkit manuals.

Now, Where does one go to find that information on a Spectrum Analyser? I looked at the Tektronics URL( <http://www.tektronics.com>) , but didn't find anything yet. I left a message there, so hopefully I will have better luck soon.

7 3,  
Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz  
NWQRP#120 ARCI#7251  
QRP-L#844

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [13614] Re: Proposed licensing changes  
Message-ID: <199703040212.TAA18001@dancris.com>

At 08:08 PM 3/3/97 -0500, you wrote:

>What you say about sending speed is true -- the issue, though, is how well  
>can we send. The purpose of the original sending test was so you could  
>demonstrate to the examiner that you could send recognizable code. The FCC  
>examiners used to give you a page from a book or magazine and have you start  
>sending. If you were competent you never had to send much more than 20 or  
>30 seconds. I doubt if it will burden the VE teams much and it just might  
>improve what we hear on the air.

>  
>

Good point, and wouldn't take too much in the way of resources to do. Maybe  
if the rules were changed to allow Advanced VE's to test for the Advanced  
portion, it might speed things up. Right now, Adv are wasted as all they can  
do is test for licenses up to the general level.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP  
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-l@lehigh.edu Tue Mar 4 18:04:26 1997  
From: Richard Haynes N5QXF <rhaynes@metronet.com>  
Subject: [13623] Re: QRP-L digest 654  
Message-ID: <Pine.HPP.3.95.970303214247.3066A-100000@fohnix.metronet.com>

Things are a bit of a rush here. With Ruth doing her  
work/school/friends/boys/phone/church/..... thing life is never quiet  
around here. Larry is back and looking for a job. He has several aps. in  
and took a drug test for one place last week. Looks as if he may be to  
work soon. He is working on his GED two nights a week down at the school.  
Don't know how soon he will finish it but the teachers look as if they are

there to teach and not just get a check.

School is school is school. Lots of work and not much time to get it done.  
Well, It won't last forever.

Last weekend the church had Ladies Retreat weekend so I did the Mr. Mom thing. Not much to it at this stage.

I don't have any idea how to dump the old mail. I don't download my mail from a server. I use an old style shell account and UNIX tools to deal with my mail so I can do anything I want with it. I can only suggest that you ask your provider how to do it. Send them an e-mail. They should be glad to get the files off of their disks and regain some space!!

Betty was going to bring over her computer and see if the phone here would work for her last Sat. but ended up doing a no-show so I guess she still does not have it fixed.

Need to get going, I have another book to read before class Wednesday night so I had best get started.

PS: question of the week -

What do they pack the bubble-wrap in to ship it?

TTFN,

Richard Haynes  
rhaynes@metronet.com

-----  
Optimist: A trombone player with a pager  
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From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Claton Cadmus" <aplitech@Spacestar.Net>  
Subject: [13648] Re: Question - 40 mtr 2 element beam  
Message-ID: <199703041406.IAA05947@Spacestar.Net>

: Am I wasting my dollars?  
: Sure, I can beat my inverted V (maybe) but just what would I gain (no  
: pun intended)?  
:  
: It is surely a shame I cannot put up tall towers but many of us have to  
: compromise. I feel lucky to have two 40 foot towers on my lot.

Tell me a little more about these two towers.

If you draw a line between the two towers what is the compass direction of the line?

What is the distance between the two towers?

What is the compass direction you wish to "beam" your signal?

How big is your lot and where are the towers located on your lot?

Answers to these question will help you find a budget solution.

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73 de KA0GKC Claton Cadmus

E-mail cla@spacestar.net

TCP/IP ka0gkc@ka0gkc.ampr.org

Ask me about the Minnesota QRP Society!

<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997

From: JEVERHART@cayman.vf.mmc.com

Subject: [13659] Re: Value of RG-88

Message-ID: <970304110446.20620e0b@cayman.vf.mmc.com>

Bill,

According to "Reference Data for Radio Engineers",

RB-88 "is" a pulse type coaxial cable (as N5EM said). Under remarks, it is listed as "Medium-size multishilded high-voltage cable. Z=48ohms"

The table lists four braids, a 19/.0117" tinned copper center conductor, a dielectric nominal diameter of 0.288, a nominal overall diameter of 0.515, a capacitance of 50 pF/ft, and a maximum operating voltage rating of 10,000 volts!

However the bad news is that the dielectric is shown as consisting of "Layer of conducting rubber plus two layers of synthetic rubber".

I suspect that the dielectric porperties of the cable are about the same as the tires on your car! It doesn't sound like a great cable for VHF.

It would be interesting to try to measure the loss, though. You can do it pretty easily with a small transmitter and a good rf power meter or by measuring the SWR with the far end open-circuited.

Good luck and 72/73,

Joe E., N2CX

----- End Included Message -----

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: "Ed Manuel" <n5em-qrp@msn.com>  
Subject: [13654] RE: Value of RG-88 ??  
Message-ID: <UPMAIL06.199703041536520370@msn.com>

Bill,

No specifics in the great RG cable list on the Web.

<http://laplaza.taos.nm.us/~ebear/coaxlist.html>

Check it out. Everything from RG-5 to RG-385.

But, the rule is that the smaller the size, the higher the capacitance, the higher the loss. RG-88U says "pulse". It seems large looking at the OD. If it is solid poly inner dielectric, it's probably usable as a good HF line. Probably I'd not use it above 6 meters. Put a connector on each end and measure the loss at a bunch of frequencies. Give us a report!

Ed

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From: owner-qrp-1@Lehigh.EDU on behalf of Bill Todd  
Sent: Tuesday, March 04, 1997 1:47 AM  
Subject: Value of RG-88 ??

Yes, that's right - - RG-88 A/U. I got about 130 feet of it as a gift, and it looks pretty interesting because it is a tripple braided 52 ohm coax.

Anyway, is this coax still produced? I cannot see any listing of this coax in the 94' Handbook, and the older Handbooks (1981, 1974 and 1968) does not list the coax either. I wonder if anyone on the list(s) know how much this stuff costs per foot? And is it 52 ohms as I suspect?

Is this coax commonly used for VHF/UHF? I wonder if it is as effective as Carol Cable 9913 (probably not..).

CUL, Bill-N7MFB

From owner-qrp-1@lehigh.edu Tue Mar 4 18:04:26 1997  
From: torell@sicom.com (Kent Torell)  
Subject: [13666] Re: Value of RG-88 ??  
Message-ID: <v02130501af41f9f0feb8@[192.91.202.41]>

>Yes, that's right - - RG-88 A/U. I got about 130 feet of it as a gift, and  
>it looks pretty interesting because it is a tripple braided 52 ohm coax.

My ITT handbook, 5th edition sez: (p.22-38)

Medium size multishielded high-voltage cable.  $Z=48$  ohms.

4 braids  
inner conductor 19 - 11.7mil tinned copper  
dielectric diameter 0.288 in.  
outside diameter 0.515 in.  
50.0 pf/ft  
max operating voltage 10,000 vrms  
Dielectric material: layer of conducting rubber plus two layers of  
synthetic rubber  
Jacket: noncontaminating synthetic resin

50 pf/ft for 48 ohms implies a pretty high velocity factor. This is about  
twice the pf/ft for regular polyethelyne 50 ohm coax: 26 pf/ft and 66%  
velocity factor. Velocity factor goes as one over the square root of the  
dielectric constant, and capacitance goes directly with the dielectric  
constant. The velocity factor should measure around 47%.

No attenuation information given. So, measure it, put connections on each  
end and measure the attenuation, like Ed suggested. And, keep us posted  
:-)

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